

## DAILY STAGES FOR 1994

ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS  
AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT  
LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931,  
JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES  
APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28, 1988.  
MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT  
TIMES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.5	22.6	22.2	19.5	17.8	11.5	13.5	---	---	---	---	16.2
2	14.1	23.0	21.7	18.8	19.0	11.7	11.9	---	---	---	---	15.8
3	13.8	23.2	20.7	17.8	20.2	11.7	10.3	---	---	---	---	14.8
4	13.4	23.3	19.7	17.0	20.9	11.5	11.6	---	---	6.4	---	12.7
5	13.0	23.2	18.8	16.2	21.3	11.7	13.4	7.5	---	---	---	11.8
6	12.8	22.8	17.9	15.6	21.3	12.4	13.4	---	---	---	---	12.1
7	11.3	21.9	17.3	14.9	21.1	13.6	11.6	---	---	---	---	12.2
8	11.4	20.5	16.7	14.8	20.7	16.0	10.5	---	---	---	---	12.3
9	11.3	19.5	16.4	14.3	20.0	16.9	9.9	7.8	---	---	12.1	12.5
10	11.4	19.0	16.5	13.8	18.9	17.5	8.9	---	---	---	13.9	10.3
11	11.8	19.1	16.9	13.3	18.1	17.3	7.8	---	---	5.3	13.1	16.2
12	11.9	19.0	17.5	13.9	17.1	16.7	8.7	---	---	---	12.0	18.0
13	12.4	18.7	18.2	15.0	16.4	15.6	9.6	---	---	---	12.4	19.2
14	12.9	18.8	18.9	16.1	15.7	14.1	9.8	---	---	---	12.5	19.9
15	12.8	18.9	19.3	17.2	14.7	12.2	10.0	---	6.2	---	12.1	20.1
16	12.5	18.7	19.4	17.8	13.4	11.2	10.0	---	---	---	10.7	19.7
17	12.3	18.2	18.9	18.4	12.3	10.8	10.8	---	---	---	10.6	18.9
18	12.2	17.6	18.2	18.5	12.1	10.9	9.8	---	---	6.2	11.1	17.9
19	11.6	16.9	17.7	18.7	11.8	11.3	9.8	---	---	---	11.8	17.1
20	11.1	16.2	17.1	18.6	11.9	9.7	9.7	---	6.8	---	12.7	16.5
21	10.9	15.7	16.5	18.3	11.7	9.8	---	---	---	---	12.2	16.1
22	11.0	15.4	15.7	17.7	11.7	9.7	---	---	---	---	11.9	15.8
23	10.8	16.3	14.9	17.0	11.5	9.7	---	---	---	---	11.6	16.2
24	10.7	17.5	13.5	16.3	11.2	9.6	---	---	---	---	10.9	17.3
25	11.3	19.4	13.3	15.6	11.3	9.7	---	---	---	7.6	11.1	18.1
26	12.4	21.3	13.0	15.0	11.4	9.7	---	6.2	---	---	11.3	18.8
27	14.9	22.1	13.5	14.4	11.3	11.3	---	---	6.8	---	11.6	18.7
28	17.9	22.3	15.1	14.2	11.5	14.3	---	---	---	---	11.9	18.0
29	19.1	---	17.1	15.5	11.5	14.5	---	---	---	---	12.4	17.3
30	20.9	---	18.6	16.5	11.1	14.2	---	---	---	---	14.1	16.8
31	21.9	---	19.5	---	11.4	---	---	---	---	---	---	15.5
MEAN	13.2	19.7	17.4	16.4	15.2	12.6	---	---	---	---	---	16.2
MAX	21.9	23.3	22.2	19.5	21.3	17.5	---	---	---	---	---	20.1
MIN	10.7	15.4	13.0	13.3	11.1	9.6	---	---	---	---	---	10.3

THE MEAN STAGE FOR THE YEAR ---  
HIGHEST STAGE WAS 23.33 4 FEB 1994  
LOWEST STAGE WAS NOT DETERMINED.

## DAILY STAGES FOR 1993

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS  
AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER  
END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931,  
JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL  
1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28,  
1988. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT  
TIMES.

DAY	DAILY EIGHT A.M. STAGE IN FEET											GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
1	11.9	19.6	12.9	15.9	14.5	10.8	13.8	A	A	A	A	18.6				
2	12.5	18.9	13.0	15.1	14.7	10.6	13.4	A	6.3	A	A	18.0				
3	12.7	18.2	13.4	14.4	15.1	10.4	12.4	A	A	A	7.9	17.6				
4	13.1	17.5	14.1	13.8	16.0	10.3	11.1	A	A	7.8	A	18.2				
5	14.2	16.7	15.4	13.1	17.0	10.0	A	A	A	7.9	A	19.6				
6	15.9	15.9	16.0	13.0	18.0	9.7	A	A	A	A	A	22.0				
7	17.2	15.0	16.7	12.6	18.8	10.4	A	A	A	A	A	23.5				
8	17.9	13.0	16.7	12.4	19.3	10.4	A	A	A	A	A	23.9				
9	18.6	12.7	16.5	12.8	19.2	10.0	A	A	A	A	A	24.1				
10	19.2	12.5	16.1	14.6	18.9	A	A	5.7	A	A	A	24.0				
11	19.8	11.8	15.6	15.9	18.7	A	A	A	A	A	A	23.8				
12	20.3	12.0	15.1	16.6	18.0	A	A	A	A	A	5.2	23.4				
13	20.6	12.0	14.5	17.2	17.4	A	A	4.4	A	A	A	22.7				
14	20.7	12.0	13.8	17.6	16.7	A	6.9	A	5.0	A	A	22.1				
15	20.5	12.0	13.6	17.7	15.7	A	A	A	A	10.6	A	21.3				
16	20.2	11.9	13.5	17.9	14.8	A	A	A	A	A	9.8	20.8				
17	19.7	12.1	13.7	18.2	13.9	A	A	A	A	A	14.9	20.3				
18	19.2	12.4	14.1	18.8	13.1	A	A	A	A	A	15.4	19.5				
19	18.8	12.6	14.4	19.3	12.9	A	A	A	A	A	16.5	18.8				
20	18.4	12.4	14.1	19.3	12.4	A	A	A	A	A	17.7	18.1				
21	18.3	11.3	13.6	18.8	12.4	8.0	A	A	A	9.6	18.5	17.6				
22	18.4	11.6	13.0	18.4	12.4	A	A	A	A	10.0	19.5	16.9				
23	18.9	10.9	12.8	18.1	11.8	A	A	A	A	11.5	20.1	16.4				
24	19.7	11.6	13.9	17.6	11.8	A	A	A	A	12.8	20.3	16.1				
25	20.3	12.9	15.0	17.0	11.8	A	A	A	A	12.9	20.2	15.8				
26	21.1	12.5	15.9	16.5	11.9	A	A	A	A	10.4	19.9	15.6				
27	21.7	12.7	16.3	16.0	11.8	9.8	A	4.4	9.7	10.0	19.3	15.4				
28	21.7	12.9	16.5	15.6	11.0	11.2	A	A	11.1	A	19.0	15.3				
29	21.2		16.9	15.1	11.2	12.5	A	A	12.9	A	19.0	15.3				
30	21.4		16.8	14.7	10.9	13.0	A	A	9.5	A	19.0	15.2				
31	20.5		16.5		11.0		A	4.3		A		14.8				

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	18.54	13.49	14.84	16.13	14.61								19.17			
MAX.	21.7	19.6	16.9	19.3	19.3								24.1			
MIN.	11.9	10.9	12.8	12.4	10.9								14.8			

A- NO RECORD.

HIGHEST STAGE WAS 24.07 ON DEC. 9.  
LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4.813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28, 1988. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.1	A	13.3	11.6	11.4	A	A	A	8.5	A	A	11.5
2	13.0	A	12.7	10.0	11.4	8.7	A	A	A	A	A	11.5
3	12.7	A	12.0	11.5	11.5	A	A	A	A	A	4.2	11.4
4	12.8	A	11.4	11.5	11.6	9.5	A	A	A	A	A	10.5
5	13.0	A	11.1	11.0	11.5	11.5	A	A	A	A	A	10.0
6	13.1	A	11.0	10.6	11.4	11.6	7.0	A	A	5.6	A	10.3
7	13.4	A	10.2	10.1	11.3	12.3	E 8.0	A	A	A	A	10.4
8	13.8	A	10.4	9.7	10.7	12.7	E 9.0	A	A	A	A	10.4
9	14.7	A	10.2	A	10.9	13.2	E 10.0	A	A	A	A	9.7
10	16.1	A	11.3	A	10.8	14.0	10.1	A	4.7	A	A	10.9
11	16.3	A	14.1	A	10.9	13.0	9.8	A	A	A	A	11.5
12	16.3	A	15.1	A	10.8	12.1	A	7.1	A	A	A	9.9
13	15.9	B.0	15.5	A	10.7	12.8	8.4	A	A	A	4.2	10.5
14	15.4	A	15.1	A	10.8	12.7	A	A	A	6.2	A	11.3
15	15.3	A	14.2	A	10.7	11.9	A	A	4.0	A	9.7	11.6
16	15.6	9.6	13.2	A	10.1	10.8	A	A	A	A	12.0	10.3
17	15.7	10.6	12.0	A	10.6	9.5	A	A	A	A	11.8	10.1
18	15.5	13.0	11.0	A	10.7	A	A	4.3	A	A	10.4	10.5
19	15.0	14.8	12.3	A	8.5	A	A	4.2	A	12.9	A	10.8
20	14.3	15.6	15.0	9.6	A	A	A	A	A	11.9	A	11.6
21	13.5	15.4	16.8	10.8	9.9	A	A	A	A	10.3	A	12.1
22	12.6	14.3	17.9	11.6	9.6	A	A	A	A	10.7	A	13.2
23	12.7	12.1	18.3	13.8	9.6	A	7.7	A	A	10.4	A	14.0
24	12.1	12.4	18.0	15.6	9.7	A	A	A	7.6	9.8	9.6	13.6
25	10.3	12.7	16.8	15.3	10.0	6.2	A	A	A	A	13.7	13.1
26	10.4	13.2	15.1	14.4	10.2	A	A	A	A	A	14.5	11.8
27	10.4	14.0	13.3	13.2	A	A	A	A	A	A	13.6	11.3
28	10.3	14.4	12.0	11.9	A	A	A	A	A	7.2	13.3	11.4
29	10.2	13.9	11.3	12.0	A	A	A	A	A	A	12.0	11.5
30	10.0		11.5	11.7	A	10.0	10.0	A	A	A	11.6	11.6
31	9.7		11.7		A		10.5	A		A		11.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	13.32	13.35	11.28
MAX.	16.3	18.3	14.0
MIN.	9.7	10.2	9.7

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 18.41 ON MAR. 23.

LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U. S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28, 1988. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAY	DAILY EIGHT A. M. STAGE IN FEET												GAGE ZERO, 188.83 FEET, N. G. V. D. OF 1929	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	25.2	18.9	13.1	16.6	21.7	17.6	9.1	A	A	5.8	A	15.1		
2	25.1	18.5	13.5	16.2	22.8	16.8	9.0	A	A	A	A	15.3		
3	25.0	18.1	14.2	15.6	23.2	15.8	8.9	A	A	A	A	15.9		
4	25.0	17.9	13.3	15.3	23.1	15.1	9.1	A	A	A	A	16.8		
5	24.9	17.8	14.3	15.1	22.7	14.8	9.1	A	A	A	A	18.4		
6	24.9	18.4	13.8	15.1	21.9	14.4	9.1	A	A	A	A	19.9		
7	24.9	19.3	13.4	15.1	20.9	14.0	9.1	A	A	A	A	20.3		
8	25.0	20.5	13.0	15.1	19.8	13.3	9.1	4.5	A	A	A	20.5		
9	25.2	21.5	12.7	14.8	18.4	12.8	9.1	A	A	6.1	A	20.8		
10	25.2	22.0	12.5	13.3	17.2	12.4	9.1	A	A	A	A	20.6		
11	25.2	21.9	12.2	12.9	16.1	12.1	8.9	A	A	A	A	20.1		
12	25.2	21.3	12.1	12.6	15.3	12.0	A	A	A	A	A	19.6		
13	25.3	20.8	11.8	12.7	16.1	12.3	A	A	A	A	A	19.3		
14	25.2	20.1	11.7	15.8	16.9	14.2	A	A	A	A	7.3	19.3		
15	25.1	20.1	11.3	17.5	17.9	15.5	A	A	A	A	A	20.0		
16	25.0	20.4	11.0	19.3	18.8	15.8	A	A	A	A	A	20.5		
17	25.0	20.5	11.0	21.4	19.7	15.9	A	A	A	A	A	20.5		
18	24.9	20.3	11.1	22.7	20.2	15.5	A	A	A	A	A	20.1		
19	24.8	19.7	11.2	23.3	20.4	14.2	A	A	A	A	A	19.3		
20	24.6	19.0	11.0	23.6	20.5	12.9	A	A	6.4	A	A	18.3		
21	24.3	18.3	10.5	24.0	20.5	11.4	A	A	A	A	13.2	17.5		
22	24.0	17.8	10.2	24.1	20.3	11.1	A	A	A	A	15.2	16.8		
23	23.6	17.0	10.7	24.0	20.1	10.6	A	A	A	A	18.3	16.6		
24	23.1	16.2	12.1	23.6	19.5	10.9	A	A	A	A	18.5	16.9		
25	22.5	15.4	13.1	23.0	19.0	12.4	A	A	7.1	A	18.6	17.1		
26	21.8	14.8	13.8	22.1	18.8	12.6	A	A	A	A	18.6	17.3		
27	21.0	14.2	15.1	21.1	19.0	12.6	A	A	A	A	18.4	17.0		
28	20.4	13.7	15.7	20.4	19.3	12.1	A	6.7	A	A	18.0	16.4		
29	19.8		16.1	20.3	19.2	11.6	A	A	A	A	17.3	13.8		
30	19.5		16.6	20.4	18.7	10.3	5.3	A	A	A	15.1	13.5		
31	19.1		16.8		18.1		A	A		13.7		13.3		

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	23.85	18.73	12.87	18.57	19.56	13.43							17.96	
MAX.	25.3	22.0	16.8	24.1	23.2	17.6							20.8	
MIN.	19.1	13.7	10.2	12.6	15.3	10.3							13.3	

A- NO RECORD.

HIGHEST STAGE WAS 25.27 ON JAN. 13.  
LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

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EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28, 1988. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAY	DAILY EIGHT A. M. STAGE IN FEET												GAGE ZERO, 188.83 FEET, N. G. V. D. OF 1929												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	A	15.9	23.0	A	A	21.2	12.0	A	A	A	A	A													
2	A	E 16.9	22.3	A	A	21.1	11.7	A	A	A	A	A													
3	A	E 18.1	21.4	A	A	20.8	10.8	B.2	A	A	A	A													9.4
4	9.9	E 19.2	20.7	21.1	A	20.5	A	A	A	A	A	A													9.4
5	A	E 20.4	20.1	21.3	A	20.2	A	A	6.9	6.5	A	A													
6	A	E 21.5	19.5	21.0	A	19.9	A	A	A	A	A	A													
7	A	E 22.7	18.8	20.4	A	19.4	A	A	A	A	A	A													
8	A	23.9	19.6	19.5	A	19.0	A	A	A	A	A	A													
9	A	E 23.8	19.6	18.4	22.7	18.7	A	A	A	A	A	A													
10	A	E 23.7	20.3	17.0	A	18.4	A	A	A	11.8	A	A													
11	6.9	E 23.5	20.9	16.0	A	18.0	9.5	A	A	A	A	A													
12	A	E 23.2	20.9	15.0	A	17.6	A	A	A	A	A	A													
13	A	E 23.0	20.3	14.9	A	17.2	A	A	6.8	A	A	A													
14	A	E 22.7	19.4	15.3	A	16.7	A	A	A	A	A	A													
15	A	22.5	19.0	15.6	A	16.2	A	A	A	A	A	A													
16	A	22.8	18.6	15.6	A	15.7	A	A	A	A	A	A													
17	A	23.5	18.9	15.4	A	15.4	A	A	A	A	A	A													
18	A	24.3	A	16.3	A	15.2	A	A	A	A	A	A													
19	A	24.5	A	A	A	14.9	A	A	A	A	A	A													
20	A	24.6	A	A	A	14.4	A	A	A	A	A	A													
21	9.5	24.5	A	A	16.4	14.0	A	A	A	A	A	A													
22	11.0	24.7	A	A	16.6	14.1	A	A	A	A	A	A													
23	15.7	24.7	A	A	16.9	14.5	A	A	A	A	A	9.6													
24	16.8	24.5	A	A	17.3	14.5	A	A	A	A	A	A													
25	17.2	24.4	A	17.0	17.8	14.2	9.4	A	A	A	A	A													
26	16.9	24.2	A	A	18.1	13.7	A	A	A	A	A	A													
27	16.4	24.0	A	A	18.3	13.3	A	A	A	A	A	A													
28	15.2	23.6	A	A	18.5	13.0	A	A	A	A	A	A												25.5	
29	14.4	A	A	19.1	12.6	A	A	A	A	A	A	A													25.4
30	14.2	A	A	20.1	12.3	A	A	A	A	A	A	A													25.3
31	14.9	A		20.9	A	A																			25.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	22.68	16.55
MAX.	24.7	21.2
MIN.	15.9	12.3

A- NO RECORD.

E- ESTIMATED.

HIGHEST RECORDED STAGE WAS 25.53 ON DEC. 28.  
LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U. S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST OBSERVED STAGE, 5.28 FEET ON JUN. 28, 1988. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAY	DAILY EIGHT A.M. STAGE IN FEET												GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
1	19.8	18.3	24.9	19.0	13.5	A	13.6	E	8.7	E	8.0	A	A	A	
2	20.0	18.1	24.7	19.3	13.4	A	14.3		8.6	E	8.0	A	A	A	
3	20.1	18.3	24.3	19.9	12.7	A	14.8	E	8.6	E	8.0	A	A	A	
4	19.5	19.0	24.0	20.6	12.9	A	14.9	E	8.5	E	8.0	A	A	A	
5	18.9	20.3	23.8	20.8	12.9	A	14.9	E	8.5	E	8.0	7.3	A	A	
6	17.9	21.7	23.8	21.6	13.3	A	15.0	E	8.5	E	8.0	A	A	A	
7	17.7	22.7	24.4	22.8	12.8	A	14.7	E	8.4	E	8.0	A	A	A	
8	18.1	23.2	24.9	23.4	12.6	A	14.1	E	8.4	E	8.0	A	A	A	
9	18.9	23.0	25.0	23.5	11.9	A	13.4	E	8.4	E	8.0	A	A	A	
10	19.7	23.2	25.1	23.5	12.4	A	12.4	E	8.3	E	8.0	A	A	A	
11	20.8	23.3	25.1	23.3	12.6	A	12.2	E	8.3	E	8.0	A	A	A	
12	21.3	23.0	25.1	22.8	12.2	E	10.3		11.4	E	8.3	8.0	A	7.0	
13	21.4	22.5	25.0	22.1	11.7	13.2	11.0	E	8.2	A	A	A	A	A	
14	22.2	22.5	24.8	20.9	E	11.5	14.5	10.7	E	8.2	A	A	6.5	A	
15	23.2	22.9	24.5	19.8	E	11.0	15.4	10.3	E	8.2	A	A	E	6.8	A
16	23.7	23.9	24.3	18.8	E	10.6	16.5	10.1	E	8.1	A	A	E	7.0	A
17	24.0	24.9	24.0	17.8	10.2	17.3	9.9	E	8.1	A	7.6		7.3	A	
18	24.1	25.5	23.7	17.0	10.3	17.8	9.8		8.1	A	A	A	A	A	
19	23.9	26.0	23.2	16.3	A	18.4	9.5	E	8.1	9.5	A	A	A	A	
20	23.8	26.4	22.7	13.9	A	19.0	9.4	E	8.0	A	A	A	A	A	
21	23.5	26.8	22.1	14.7	A	19.6	9.3	E	8.0	A	A	A	A	A	
22	23.0	27.0	21.6	14.9	A	19.6	E	9.3	E	8.0	A	A	A	A	
23	22.2	26.9	21.3	14.4	E	11.1	19.5	E	9.2	E	8.0	A	A	A	
24	21.0	26.7	21.0	14.0	11.8	19.2	E	9.1	E	8.0	A	A	A	A	
25	19.8	26.4	20.3	13.6	E	11.4	18.5	E	9.1	E	8.0	A	A	A	
26	19.0	26.0	19.6	13.5	A	17.5	E	9.0	E	8.0	A	A	A	A	
27	18.4	25.6	18.9	13.4	A	16.3	E	9.0	E	8.0	A	A	A	A	
28	18.0	25.3	18.2	13.3	E	10.5	14.9	E	8.9	E	8.0	A	A	A	
29	18.0		17.6	13.6	11.8	14.2	E	8.9	E	8.0	A	A	A	A	
30	17.9		17.7	13.5	E	11.1	13.8	E	8.8	E	8.0	A	6.5	A	
31	18.6		16.4		A		E	8.7	E	8.0		7.0		A	

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	20.58	23.55	22.64	18.19		11.16	8.21								
MAX.	24.1	27.0	25.1	23.5		15.0	8.7								
MIN.	17.7	18.1	16.4	13.3		8.7	8.0								

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 27.07 ON FEB. 21.

LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.59 FEET ON NOV. 17, 1986. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25.4	18.9	11.5	15.7	A	A	A	A	A	A	6.3	25.0
2	25.3	19.0	11.0	16.5	A	A	A	A	A	A	A	24.9
3	25.1	19.5	12.6	17.4	A	A	A	A	A	13.0	A	24.6
4	24.9	21.2	13.9	18.1	A	A	A	7.2	A	13.1	A	24.4
5	24.9	23.0	13.4	18.2	A	A	A	A	A	13.1	A	24.1
6	24.7	23.7	12.6	17.7	A	A	A	A	A	13.1	A	23.7
7	24.6	23.9	12.7	16.9	A	A	A	A	A	12.0	A	23.1
8	24.7	23.9	12.1	16.2	A	A	A	A	A	10.6	A	22.3
9	24.3	23.5	12.7	15.5	A	A	A	A	8.6	10.5	A	20.7
10	24.3	22.7	13.8	14.7	A	A	A	A	A	E 9.7	A	19.1
11	24.3	21.4	15.3	13.9	A	A	5.4	A	A	E 8.8	A	18.0
12	E 23.3	20.2	16.2	13.8	8.6	A	A	A	A	E 7.9	A	17.0
13	E 22.3	18.7	16.7	13.8	A	A	A	A	A	E 7.0	A	14.9
14	E 21.3	17.7	16.5	13.6	A	A	A	A	A	6.2	A	14.9
15	20.3	16.8	16.6	13.6	A	A	A	A	A	E 6.3	A	14.1
16	E 20.0	16.0	15.2	13.5	A	A	A	A	A	E 6.5	A	14.6
17	E 19.6	15.8	13.6	13.3	A	A	A	7.0	A	E 6.7	A	14.5
18	E 20.5	15.7	13.3	13.4	A	A	A	A	A	E 6.8	A	14.3
19	E 21.0	15.5	13.8	13.7	A	A	A	A	A	E 7.0	A	14.2
20	E 21.5	15.4	14.2	14.4	A	A	A	A	A	7.2	16.5	13.2
21	E 22.3	15.2	14.5	15.3	A	5.8	A	A	A	E 7.1	18.1	14.2
22	E 22.4	15.4	14.8	15.5	A	A	A	A	A	E 7.0	20.9	14.1
23	E 22.6	15.0	14.5	15.2	A	A	A	A	A	E 6.9	23.4	14.2
24	E 22.7	15.2	14.2	14.7	A	A	A	A	A	E 6.8	24.4	14.2
25	E 22.7	14.5	13.7	14.2	A	A	A	A	A	E 6.6	24.7	13.8
26	E 22.9	13.9	13.8	12.8	10.1	A	10.9	A	A	E 6.5	25.1	13.7
27	E 23.0	13.3	13.9	13.1	A	A	A	A	A	E 6.4	25.3	13.5
28	22.0	12.5	13.7	12.1	A	5.3	A	A	A	E 6.3	25.4	12.7
29	20.8	12.8	13.3	A	A	A	10.5	A	A	E 6.2	25.3	13.8
30	19.9		13.2	A	A	A	A	7.1	A	E 6.1	25.2	17.3
31	19.2		14.2	A		A	A	A		6.0		19.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	22.68	17.93	13.91	17.50
MAX.	25.4	23.9	16.7	25.0
MIN.	19.2	12.5	11.0	12.7

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 25.43 ON NOV. 28.

LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.59 FEET ON NOV. 17, 1986. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAY	DAILY EIGHT A.M. STAGE IN FEET												GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
1	9.9	A	E 16.8	11.5	9.5	E 8.8	11.7	E 6.5	E 6.2	A	A	11.1			
2	10.0	A	E 18.3	11.1	9.9	9.9	12.0	E 6.5	E 6.2	A	A	11.0			
3	10.2	A	E 19.9	10.8	9.9	11.7	11.7	E 6.5	E 6.2	A	A	10.5			
4	10.2	A	21.2	11.2	9.8	E 9.5	9.5	E 6.5	E 6.1	A	A	11.8			
5	10.3	A	21.7	11.5	9.7	E 9.4	10.1	E 6.4	E 6.1	A	A	11.4			
6	10.5	A	21.7	11.5	9.3	E 9.3	10.6	E 6.4	E 6.1	A	A	10.0			
7	10.7	E 8.2	21.5	11.8	8.6	E 9.3	11.0	E 6.4	E 6.1	A	A	9.3			
8	10.9	E 8.3	21.0	11.5	8.0	E 9.2	11.4	E 6.4	E 6.0	A	A	E 9.4			
9	11.0	E 8.5	20.1	11.1	E 7.8	E 9.1	E 11.8	E 6.4	E 6.0	A	A	E 9.8			
10	11.2	E 8.6	19.0	10.4	E 7.7	E 9.0	12.5	E 6.4	E 6.0	A	A	E 10.2			
11	11.0	E 8.8	17.9	10.2	E 7.6	E 8.9	10.3	E 6.4	E 6.1	A	A	E 10.6			
12	11.2	E 8.9	16.7	E 9.1	E 7.5	E 8.9	10.0	E 6.4	E 6.1	A	A	E 10.9			
13	11.2	E 9.1	15.1	E 8.9	E 7.4	E 8.8	9.8	E 6.4	E 6.1	A	A	E 11.3			
14	10.9	E 9.2	13.3	9.4	E 7.3	E 8.7	E 9.5	E 6.4	E 6.2	A	A	E 11.7			
15	12.5	E 9.4	12.0	10.2	E 7.2	E 8.6	E 9.2	E 6.4	E 6.2	A	A	13.4			
16	13.0	E 9.6	12.2	12.0	E 7.1	E 8.5	E 8.9	E 6.4	E 6.2	A	A	14.9			
17	12.2	E 9.7	12.4	13.5	E 7.0	E 8.5	E 8.7	E 6.4	E 6.1	A	A	15.8			
18	10.1	E 9.9	12.8	12.1	E 6.9	E 8.4	E 8.4	E 6.4	E 6.1	A	A	16.6			
19	9.9	E 9.8	13.9	11.0	E 6.8	E 8.4	E 8.1	E 6.4	E 6.1	A	A	9.4	16.4		
20	A	E 9.6	14.6	10.9	E 6.6	E 8.3	E 7.8	E 6.4	E 6.0	5.5	E 9.3	15.9			
21	A	E 9.5	15.3	10.8	E 6.5	E 8.3	E 7.6	E 6.4	E 6.0	A	E 9.3	15.2			
22	A	E 9.4	14.8	10.4	6.4	E 8.3	E 7.3	E 6.4	E 5.9	A	E 9.3	14.1			
23	A	E 9.3	14.4	9.9	E 6.9	11.4	E 7.1	E 6.4	E 5.9	A	E 9.3	13.4			
24	A	E 9.2	13.6	10.2	E 7.5	11.9	E 7.0	E 6.4	E 5.8	A	E 9.3	15.2			
25	A	E 10.5	12.7	10.0	E 8.1	12.5	E 6.8	E 6.4	E 5.8	A	E 9.2	16.7			
26	A	E 12.1	12.0	10.0	E 8.8	11.7	E 6.6	E 6.4	E 5.8	A	E 9.2	20.6			
27	A	E 13.7	11.4	10.4	E 9.4	9.8	E 6.5	E 6.3	E 5.7	A	E 9.2	23.4			
28	A	E 15.2	11.6	10.8	E 9.3	9.3	E 6.5	E 6.3	E 5.7	A	9.5	24.7			
29	A		11.7	10.7	E 8.8	9.3	E 6.5	E 6.3	A	A	12.1	25.0			
30	A		11.7	10.4	E 10.4	9.3	E 6.5	E 6.3	A	A	10.5	25.2			
31	A		11.6		E 9.6		E 6.5	E 6.2	A			25.4			

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.57	10.77	8.17	9.43	8.96	6.39		14.87
MAX.	21.7	13.5	10.4	12.5	12.5	6.5		25.4
MIN.	11.4	8.9	6.4	8.3	6.5	6.2		9.3

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 25.43 ON DEC. 31.

LOWEST STAGE WAS NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U. S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.70 FEET ON MAY 10 AND 11, 1981. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

DAILY EIGHT A. M. STAGE IN FEET												GAGE ZERO, 188.83 FEET, N. G. V. D. OF 1929												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC												
1	14.6	10.3	10.5	13.7	11.6	21.0	10.6	E 6.8	E 8.1	E 6.5	E 6.0	E 7.3												
2	14.8	9.4	10.8	13.4	11.5	19.8	9.9	E 7.1	E 8.0	E 6.5	E 6.0	E 7.4												
3	15.3	9.4	11.0	12.9	11.7	18.7	9.3	E 7.3	E 7.9	E 6.5	E 5.9	E 7.5												
4	15.5	10.2	11.6	13.2	11.9	17.8	E 9.3	E 7.6	E 7.8	E 6.5	E 5.9	E 7.7												
5	15.3	11.6	11.7	13.3	11.9	18.1	E 9.2	E 7.9	E 7.7	E 6.5	E 5.9	E 7.8												
6	15.1	15.3	11.7	13.5	11.7	19.5	E 9.1	E 8.1	E 7.6	E 6.5	E 5.9	E 7.9												
7	15.1	18.1	11.4	13.8	11.7	20.3	E 9.0	E 8.4	E 7.6	E 6.5	E 5.8	E 8.0												
8	14.6	18.7	10.8	12.7	10.7	20.5	E 8.9	E 8.7	E 7.5	E 6.5	E 5.8	E 8.2												
9	14.6	19.4	10.8	13.9	10.3	20.3	E 8.8	E 9.0	E 7.4	E 6.5	E 5.8	E 8.7												
10	14.7	19.7	10.4	15.0	10.2	20.2	E 8.7	E 9.2	E 7.3	E 6.5	E 5.8	E 9.2												
11	14.7	19.7	9.7	15.9	9.8	20.2	E 8.6	E 9.5	E 7.2	E 6.5	E 5.7	E 9.7												
12	14.8	19.3	11.0	16.2	11.5	20.6	E 8.5	E 9.4	E 7.1	E 6.5	E 5.7	E 10.2												
13	14.9	18.4	14.2	15.4	12.9	21.1	E 8.4	E 9.3	E 7.0	E 6.4	E 5.7	E 10.8												
14	14.9	17.4	15.3	14.5	12.4	21.5	E 8.3	E 9.3	E 6.9	E 6.4	E 5.7	E 11.3												
15	15.2	16.6	16.7	13.4	10.5	21.5	E 8.2	E 9.3	E 6.8	E 6.4	E 5.6	E 11.8												
16	17.8	16.1	17.8	12.9	14.5	21.1	E 8.1	E 9.3	E 6.8	E 6.4	E 5.6	E 12.3												
17	16.9	16.1	18.2	12.7	17.5	20.3	E 8.0	E 9.4	E 6.8	E 6.3	E 5.6	E 12.1												
18	15.9	16.5	17.5	12.2	E 19.1	19.3	E 7.9	E 9.4	E 6.8	E 6.3	E 5.7	E 11.4												
19	15.1	16.9	17.0	12.0	E 19.5	18.0	E 7.8	E 9.3	E 6.7	E 6.3	E 5.8	E 11.5												
20	14.8	16.9	16.5	11.9	E 19.9	16.6	E 7.7	E 9.2	E 6.7	E 6.3	E 5.9	E 11.3												
21	14.2	16.5	16.1	11.7	E 20.3	15.0	E 7.6	E 9.1	E 6.7	E 6.2	E 6.1	E 11.1												
22	14.6	15.4	15.8	11.6	E 20.7	13.8	E 7.5	E 9.0	E 6.7	E 6.2	E 6.2	E 10.3												
23	14.1	14.3	15.1	12.3	21.5	12.4	E 7.4	E 8.9	E 6.7	E 6.2	E 6.3	E 9.2												
24	13.7	13.6	14.5	13.8	22.2	12.1	E 7.3	E 8.8	E 6.6	E 6.2	E 6.4	E 9.2												
25	12.9	12.5	14.1	14.1	22.7	12.1	E 7.2	E 8.7	E 6.6	E 6.1	E 6.6	E 9.2												
26	13.0	12.0	13.7	12.2	23.1	11.8	E 7.1	E 8.6	E 6.6	E 6.1	E 6.7	E 9.2												
27	12.6	11.9	12.0	10.9	23.2	11.0	E 7.0	E 8.6	E 6.6	E 6.1	E 6.8	E 9.5												
28	12.0	11.6	12.6	11.3	23.3	10.7	E 6.9	E 8.5	E 6.6	E 6.1	E 6.9	E 9.3												
29	11.3		13.6	12.2	23.2	10.8	E 6.8	E 8.4	E 6.5	E 6.1	E 7.1	E 9.5												
30	11.3		14.1	11.9	22.9	10.9	E 6.7	E 8.3	E 6.5	E 6.0	E 7.2	E 9.6												
31	11.1		13.6		22.1		E 6.6	E 8.2		E 6.0		E 9.7												

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.36	15.13	13.53	13.14	16.32	17.23	8.13	8.66	7.05	6.33	6.06	9.60
MAX.	17.8	19.7	18.2	16.2	23.3	21.5	10.6	9.5	8.1	6.5	7.2	12.3
MIN.	11.1	9.4	9.7	10.9	9.8	10.7	6.6	6.8	6.5	6.0	5.6	7.3

E- ESTIMATED.

HIGHEST STAGE WAS 23.36 ON MAY 28.  
LOWEST STAGE WAS 5.59 ON NOV. 17.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U. S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.70 FEET ON MAY 10 AND 11, 1981. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES. DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24.9	E 20.4	24.7	16.2	24.0	13.1	14.9	10.8	E 9.4	E 8.3	E 9.0	21.5
2	24.9	E 20.2	25.1	18.1	24.2	13.0	14.5	11.4	E 8.9	E 8.3	11.7	21.7
3	25.0	E 20.0	23.8	19.0	24.5	12.5	14.3	10.3	E 8.5	E 8.2	12.7	21.6
4	25.0	E 19.7	25.1	19.8	24.6	12.6	13.9	10.3	8.0	E 8.2	12.6	21.4
5	25.0	E 19.5	25.2	20.4	24.8	12.5	13.7	9.9	E 8.3	E 8.2	10.6	21.0
6	25.0	19.1	25.0	21.1	24.6	12.4	13.3	9.8	E 8.5	E 8.2	E 9.3	20.3
7	25.0	18.9	23.0	21.9	24.5	12.5	13.1	9.3	E 8.8	E 8.2	E 9.2	19.4
8	24.8	18.6	22.9	22.3	24.2	12.6	12.5	E 9.1	E 9.1	E 8.1	E 9.2	18.5
9	24.7	18.3	23.7	22.9	23.8	12.4	12.3	E 9.0	E 9.3	E 8.1	E 9.1	17.5
10	24.6	18.1	22.9	23.1	23.4	12.1	12.4	E 8.8	9.3	E 8.1	E 9.0	15.8
11	24.7	18.2	23.0	22.9	22.7	11.9	12.8	E 8.7	9.3	E 8.1	E 8.9	15.8
12	24.5	18.5	21.7	22.2	21.6	11.8	11.9	E 8.6	9.4	E 8.1	E 8.8	12.7
13	24.3	19.3	22.6	21.5	20.2	12.6	11.6	E 8.7	E 9.0	E 8.1	E 8.7	14.0
14	24.1	19.9	22.1	21.0	19.0	13.0	11.8	E 8.9	E 8.5	E 8.0	E 8.6	15.1
15	23.9	20.1	21.4	20.8	18.4	12.4	11.7	E 9.0	E 8.0	E 8.0	E 8.5	16.4
16	23.6	20.5	21.0	20.8	17.8	12.8	11.4	E 9.2	E 7.5	E 8.0	E 8.4	16.7
17	23.2	20.5	20.7	21.5	17.4	12.0	11.5	E 9.3	E 7.0	E 8.0	E 8.3	17.1
18	22.8	20.4	20.1	21.9	16.5	11.5	11.1	E 9.5	6.5	E 8.0	9.7	16.1
19	22.4	20.4	20.2	21.9	15.5	11.8	11.4	E 9.9	E 6.9	E 8.0	10.4	15.3
20	21.6	20.3	19.9	21.6	14.2	13.4	11.3	10.6	E 7.3	E 7.9	11.1	15.2
21	21.9	20.5	19.0	21.2	14.2	14.0	11.1	9.7	E 7.7	E 7.9	12.4	14.5
22	21.9	20.6	19.1	20.8	14.5	13.3	11.0	E 9.2	E 8.0	9.2	13.2	14.5
23	21.1	21.1	18.6	20.8	15.9	13.5	10.6	E 9.0	8.4	13.0	12.9	14.8
24	21.0	22.0	18.7	20.5	17.7	14.1	11.9	E 8.8	E 8.4	10.9	13.1	14.8
25	20.9	21.5	18.1	20.4	18.4	14.0	10.6	E 8.6	E 8.4	E 10.1	13.2	14.3
26	20.7	22.2	18.1	20.5	18.2	14.6	10.7	E 8.8	E 8.4	E 9.9	13.5	14.5
27	20.9	23.2	18.2	21.0	17.5	14.2	11.1	11.7	E 8.3	E 9.7	14.5	14.4
28	20.9	23.2	16.1	21.2	15.8	13.8	11.3	12.2	E 8.3	E 9.5	16.1	14.5
29	20.9	15.8	22.6	14.7	15.1	11.2	11.4	E 8.3	E 9.3	18.4	14.5	
30	20.8	15.6	23.5	13.8	15.2	11.7	12.1	E 8.3	E 9.1	20.6	14.6	
31	20.8	15.9		13.2			10.7	E 9.8	E 8.9			14.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	23.09	20.18	20.88	21.12	19.34	13.02	12.03	9.76	8.33	8.70	11.38	16.54
MAX.	25.0	23.2	25.2	23.5	24.8	15.2	14.9	12.2	9.4	13.0	20.6	21.7
MIN.	20.7	18.1	15.6	16.2	13.2	11.5	10.6	8.6	6.5	7.9	8.3	12.7

E- ESTIMATED.

HIGHEST STAGE WAS 25.30 ON MAR. 2 AND SUBSEQUENT DAYS.  
LOWEST STAGE WAS 6.50 ON SEP. 18.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.70 FEET ON MAY 10 AND 11, 1981. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES. DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	16.8	A	A	14.5	19.0	A	A	E 8.1	A	22.9	19.9
2	A	A	A	A	15.0	18.5	A	A	E 8.6	A	22.8	20.7
3	A	A	A	A	15.6	17.6	A	A	E 9.1	A	21.7	20.7
4	A	A	A	21.3	16.1	16.3	A	A	E 9.6	A	21.7	20.4
5	A	A	15.0	A	17.0	15.0	A	A	E 10.1	A	21.7	19.8
6	A	A	A	A	17.8	14.6	A	A	E 10.6	A	21.8	19.4
7	A	A	A	A	18.2	13.6	A	11.0	E 11.1	A	21.8	18.8
8	A	A	A	A	19.3	12.4	A	A	E 11.6	12.8	21.6	18.1
9	A	A	A	A	21.1	12.7	A	A	E 12.0	13.4	21.2	17.1
10	A	A	A	A	23.3	12.3	A	A	11.1	13.5	21.0	16.2
11	A	A	A	A	24.2	11.5	A	A	A	13.1	20.2	15.4
12	A	A	A	A	24.4	11.5	A	A	A	11.1	19.2	14.8
13	A	A	A	A	24.4	11.4	A	A	A	10.7	18.1	14.4
14	A	A	A	A	24.4	10.9	A	A	A	10.7	17.1	15.0
15	A	A	A	A	24.2	10.8	A	A	A	9.3	15.7	12.9
16	A	A	A	A	24.0	10.6	A	A	A	9.3	14.4	14.9
17	A	A	A	A	23.7	10.4	A	A	A	11.4	13.2	17.9
18	A	A	A	A	23.1	11.5	A	A	A	13.0	13.1	20.1
19	A	A	A	A	22.6	10.8	A	A	A	12.7	14.4	20.2
20	A	A	A	A	21.0	A	A	A	A	13.5	16.0	20.9
21	A	A	A	A	20.2	A	A	A	A	17.0	16.8	21.7
22	A	A	A	A	19.4	A	A	A	A	17.3	17.3	22.8
23	A	A	19.9	A	19.0	A	A	A	A	18.9	17.2	23.6
24	A	A	A	A	18.3	A	A	A	A	20.2	16.5	24.1
25	A	A	A	A	17.5	A	A	A	A	21.1	15.7	24.4
26	A	A	A	A	15.6	A	A	A	A	21.7	15.2	24.6
27	A	A	A	A	15.4	A	A	A	A	22.1	15.3	24.9
28	A	A	A	14.3	16.1	A	A	A	A	22.2	15.8	25.1
29	A	A	A	15.0	16.8	A	A	A	A	22.3	17.1	25.1
30	A	A	14.7	18.0	A	A	E 7.2	A	22.3	18.9	25.1	
31	A	A			18.8	A	E 7.6	A	22.1		24.9	

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	19.65	18.18	20.12
MAX.	24.4	22.9	25.1
MIN.	14.5	13.1	12.9

A- NO RECORD.

E- ESTIMATED.

HIGHEST AND LOWEST STAGES NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.70 FEET ON MAY 10 AND 11, 1981. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES. DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.1	19.9	12.0	14.0	19.0	23.3	10.7	A	8.3	A	A	A
2	26.1	19.6	11.8	13.5	20.2	23.0	10.7	A	A	A	A	A
3	26.0	19.7	11.7	13.1	21.9	22.4	10.8	A	A	A	A	A
4	25.8	20.0	11.7	12.8	23.1	21.3	10.5	A	A	A	7.9	A
5	25.5	20.2	11.9	14.3	24.1	20.5	10.6	A	A	A	A	A
6	25.3	20.2	12.7	16.0	24.8	20.5	9.9	A	A	A	A	A
7	25.1	20.0	13.8	17.2	25.1	20.9	9.6	A	A	A	A	A
8	24.8	19.4	15.7	18.2	25.3	21.0	9.7	A	A	A	A	A
9	24.6	18.8	15.9	19.1	25.5	20.5	9.7	A	A	A	A	A
10	24.3	18.1	15.4	20.0	25.5	19.5	9.3	A	A	A	A	A
11	24.0	17.2	14.7	20.8	25.5	18.7	8.8	A	A	A	A	A
12	23.7	16.1	13.9	21.4	25.6	18.0	8.2	A	A	A	A	A
13	23.3	14.2	13.3	21.9	25.5	17.4	7.8	A	A	A	A	23.1
14	22.9	14.2	11.8	22.4	25.5	16.6	8.0	A	A	A	A	A
15	22.6	13.8	11.4	22.6	25.5	15.8	8.1	A	A	A	A	A
16	22.2	14.0	11.1	22.9	25.3	16.1	8.0	A	A	A	A	A
17	21.9	12.7	10.3	23.1	25.3	16.1	8.1	A	A	A	A	A
18	21.5	12.5	10.6	23.3	25.1	15.5	8.4	A	A	A	A	A
19	21.1	12.3	10.7	23.3	25.1	14.6	8.5	A	A	A	A	A
20	20.7	12.5	11.1	23.1	25.1	14.4	8.5	A	A	A	A	A
21	20.5	13.0	12.5	22.9	25.3	13.4	8.0	A	A	A	A	A
22	20.4	13.5	12.1	22.6	25.4	13.4	7.7	A	A	A	A	A
23	20.3	13.8	11.3	22.2	25.3	13.4	A	A	A	A	A	A
24	20.3	13.8	11.0	21.7	25.2	12.7	A	A	A	A	A	A
25	20.5	13.7	11.3	21.4	25.0	12.0	A	A	A	A	A	A
26	20.7	13.4	11.4	21.2	24.9	10.8	A	A	A	A	A	A
27	20.8	12.9	11.4	20.8	24.6	10.8	A	A	A	A	A	A
28	20.8	12.6	11.4	20.2	24.4	10.8	6.9	A	A	A	A	A
29	20.7	11.8	19.4	24.2	10.9	A	A	A	A	A	A	A
30	20.4	12.8	18.7	23.9	11.0	A	A	A	A	A	A	A
31	20.1		14.0	23.6		A	A		A			A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	22.67	15.79	12.33	19.79	24.50	16.50
MAX.	26.1	20.2	15.9	23.3	25.6	23.3
MIN.	20.1	12.3	10.3	12.8	19.0	10.8

A- NO RECORD.

HIGHEST AND LOWEST STAGES NOT DETERMINED.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.70 FEET ON MAY 10 AND 11, 1981. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES. DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.7	24.0	19.9	14.8	12.1	12.3	12.1	9.9	10.3	9.1	8.5	21.0
2	10.8	24.4	19.6	14.7	11.7	14.0	12.4	9.5	7.3	9.0	8.2	21.9
3	10.7	24.7	19.3	15.3	11.3	15.5	12.1	9.4	8.0	9.0	8.4	21.7
4	11.1	24.8	19.1	16.4	10.9	15.0	10.2	9.3	10.2	9.7	8.6	21.4
5	11.8	24.8	18.8	16.6	10.3	13.3	10.1	9.1	11.6	9.6	8.6	21.2
6	12.9	24.7	18.5	16.0	9.9	9.7	9.9	7.9	9.8	9.4	8.2	21.9
7	13.7	24.8	18.0	15.0	9.8	9.8	9.5	8.2	8.3	9.3	8.0	23.1
8	13.7	24.7	17.4	13.9	11.1	9.4	9.2	8.7	8.4	9.5	8.1	23.8
9	13.1	24.8	16.9	14.0	12.4	9.4	8.2	9.0	8.4	9.4	8.1	24.1
10	12.3	24.9	16.6	14.2	13.2	9.4	8.3	10.9	8.6	9.5	8.2	24.2
11	12.2	24.7	16.2	14.0	15.9	9.7	8.7	8.9	9.1	9.6	8.1	24.3
12	12.2	24.5	15.9	14.2	14.4	10.0	9.0	8.6	8.9	10.2	8.1	24.1
13	12.2	24.3	15.6	13.7	13.2	9.9	9.1	8.6	9.8	10.0	7.8	23.9
14	12.2	24.0	15.5	13.2	11.7	9.8	8.9	8.9	10.3	10.0	7.8	23.6
15	12.2	23.7	15.4	8.5	11.5	9.5	8.7	9.3	9.5	9.7	7.3	23.0
16	13.2	23.2	16.0	8.9	11.2	9.5	8.6	13.7	9.1	9.4	7.5	22.6
17	13.2	22.9	16.4	15.8	11.1	11.4	8.4	11.3	9.1	9.2	7.6	23.0
18	13.2	22.8	17.5	16.4	9.1	12.9	8.1	11.8	9.6	8.8	7.7	23.6
19	13.2	22.9	17.9	17.1	9.9	11.0	8.4	10.6	9.3	8.1	7.8	23.7
20	11.5	23.0	17.3	17.0	10.2	10.4	8.3	10.1	9.0	7.1	8.5	23.6
21	10.9	23.0	16.6	16.1	10.5	9.6	8.1	8.9	8.8	8.2	9.1	23.3
22	11.6	22.9	15.2	14.8	11.1	9.5	7.6	9.1	8.8	7.8	10.0	22.9
23	16.2	22.6	14.5	9.1	11.2	9.5	6.8	9.1	8.9	7.6	11.2	22.4
24	17.4	22.0	14.4	13.5	11.1	9.4	6.0	9.5	8.2	7.3	13.7	21.8
25	18.8	21.5	14.5	12.5	11.3	9.2	6.0	10.0	8.3	7.1	17.3	21.4
26	20.0	21.0	14.6	12.1	11.9	9.4	6.0	9.7	8.5	6.3	14.0	21.9
27	19.3	20.6	14.6	11.9	13.2	9.4	8.2	9.5	8.5	6.1	13.7	23.6
28	22.5	20.2	14.6	12.1	13.0	9.6	7.1	11.9	8.7	8.6	14.1	24.9
29	22.8		14.6	12.2	12.3	10.2	6.2	12.9	8.7	8.8	15.3	25.3
30	23.1		14.5	12.3	11.7	13.7	7.4	11.1	9.0	8.6	19.2	25.8
31	23.6		14.5		11.4		9.7	11.2		8.5		26.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.58	23.44	16.47	13.88	11.59	10.70	8.61	9.89	9.03	8.73	9.95	23.20
MAX.	23.6	24.9	19.9	17.1	15.9	15.5	12.4	13.7	11.6	10.2	19.2	26.0
MIN.	10.7	20.2	14.4	8.5	9.1	9.2	6.0	7.9	7.3	6.1	7.3	21.0

HIGHEST STAGE WAS 26.11 ON DEC 31.  
LOWEST STAGE WAS 5.80 ON JUL 28.

## DAILY STAGES FOR 1981

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U. S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4.813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U. S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST, 27.84 FEET ON APRIL 26, 1973. LOWEST, 5.98 FEET ON OCT. 18, 1980. MAXIMUM, 67,025 CFS WAS COMPUTED FOR APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

## DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 188.83 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.1	8.9	9.5	8.1	7.1	19.6	10.4	11.6	8.8	8.2	9.0	8.9
2	9.8	9.4	13.4	8.3	7.1	19.8	13.0	11.7	12.8	9.7	9.0	9.0
3	9.6	13.6	7.4	8.0	6.6	20.1	16.9	11.8	10.7	10.2	9.0	9.3
4	9.8	13.5	8.0	7.8	6.2	20.2	16.3	11.9	9.3	9.5	8.9	9.3
5	12.0	15.6	9.0	7.9	6.1	19.9	15.1	11.6	8.5	9.2	9.1	9.5
6	7.8	13.6	15.8	8.1	5.9	20.9	14.0	11.3	8.4	8.9	9.5	9.4
7	8.6	10.2	14.7	8.2	5.8	21.6	13.4	11.1	8.2	9.2	11.2	9.4
8	10.8	10.5	14.4	11.3	5.7	22.5	14.8	11.2	7.5	9.3	11.1	9.2
9	8.9	9.9	11.8	6.2	5.7	23.1	15.6	11.3	6.9	9.4	10.3	9.3
10	7.9	9.8	10.5	6.0	5.7	23.6	E 15.0	11.4	6.6	9.4	9.8	9.4
11	9.0	10.0	10.4	6.0	5.7	23.9	E 15.0	11.8	7.3	10.0	9.5	9.4
12	10.9	13.4	10.2	6.1	7.9	24.0	E 14.8	11.7	8.1	10.1	6.2	10.2
13	7.6	15.4	9.9	6.0	8.7	23.9	E 14.6	11.6	8.5	9.9	7.0	11.2
14	8.1	15.0	8.5	6.0	9.1	23.7	E 14.3	11.1	9.0	9.4	7.8	11.5
15	9.8	13.2	8.8	6.0	11.3	23.4	14.1	11.0	9.5	9.4	8.3	11.5
16	9.6	12.3	8.9	5.9	13.4	23.1	10.1	10.5	10.5	9.2	8.4	7.0
17	9.6	12.2	8.9	5.8	15.1	22.3	11.2	10.0	9.9	9.2	8.5	8.1
18	9.6	12.2	8.5	5.8	14.6	20.7	12.9	10.7	9.1	9.5	8.7	8.5
19	9.7	12.3	8.3	5.8	15.1	19.1	12.6	11.9	8.8	9.8	8.8	8.8
20	9.8	12.2	8.0	5.8	12.3	17.5	10.9	11.2	8.9	11.3	8.6	8.8
21	10.9	11.8	8.2	5.8	12.3	15.8	12.8	10.5	8.9	10.2	8.7	8.9
22	10.7	9.8	7.9	5.8	13.0	14.8	12.6	9.3	8.3	9.7	8.6	9.0
23	7.8	12.2	6.2	6.5	8.2	14.4	15.1	9.5	8.4	9.2	8.6	9.1
24	8.8	11.2	6.8	7.2	9.0	11.1	13.9	9.5	8.5	9.3	8.6	9.5
25	11.6	9.8	6.9	8.1	9.3	14.6	13.7	9.0	8.6	9.2	8.6	9.8
26	8.1	10.1	7.0	8.7	10.6	13.9	15.0	8.4	9.1	9.3	8.6	10.0
27	8.1	11.4	7.0	8.4	12.3	14.8	13.4	8.4	8.9	9.4	8.7	10.2
28	9.9	8.7	6.9	9.3	12.2	13.8	12.3	8.5	8.7	9.5	8.6	10.4
29	10.1		6.8	8.8	13.6	13.3	11.6	8.5	7.7	9.4	8.7	10.5
30	9.6		7.1	8.5	17.3	11.3	11.9	8.7	7.8	9.2	8.8	10.7
31	8.7		7.7		18.4		11.9	8.6		9.1		10.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	9.46	11.72	9.14	7.21	10.04	19.01	13.52	10.49	8.74	9.49	8.84	9.56
MAX.	12.0	15.6	15.8	11.3	18.4	24.0	16.9	11.9	12.8	11.3	11.2	11.5
MIN.	7.6	8.7	6.2	5.8	5.7	11.1	10.1	8.4	6.6	8.2	6.2	7.0

E- ESTIMATED.

HIGHEST STAGE WAS 23.97 ON JUN. 12.

LOWEST STAGE WAS 5.70 ON MAY 10 AND 11.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTED BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST OBSERVED STAGE WAS 27.84 FEET ON APRIL 26, 1973. LOWEST STAGE NOT DETERMINED FOR RECORD LOW. MAXIMUM, 67,025 CFS OBSERVED ON APR. 7, 1979 (STAGE, 27.17). MINIMUM, NO FLOW AT TIMES.

## DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E 17.8	12.2	14.2	19.5	12.4	10.9	11.5	9.2	7.6	8.1	9.4	11.0
2	E 18.0	11.8	14.1	20.3	12.2	10.9	12.2	9.0	7.6	8.0	9.0	10.8
3	E 18.1	11.9	13.7	20.6	12.5	10.9	12.1	8.8	7.6	7.9	9.0	10.4
4	17.6	12.0	13.3	20.6	12.4	10.8	11.7	8.7	7.6	7.8	8.9	10.3
5	16.7	11.9	13.4	20.3	12.0	10.6	10.1	8.3	7.7	7.6	8.7	10.0
6	15.8	11.9	13.6	19.9	11.7	10.4	9.8	8.3	7.7	7.1	8.6	9.9
7	15.9	11.7	13.7	19.4	11.3	10.2	10.9	8.4	7.6	6.8	8.6	9.9
8	15.9	11.6	13.7	19.2	11.1	9.9	7.4	8.4	7.5	8.9	8.6	9.9
9	15.8	11.5	13.6	19.3	10.8	9.8	7.4	8.5	7.5	7.6	8.5	10.2
10	15.7	11.6	13.1	19.3	10.6	10.5	E 7.3	8.5	7.5	7.6	8.4	13.5
11	15.8	11.5	12.5	19.0	10.3	10.4	E 7.1	8.6	7.5	7.5	8.5	15.2
12	16.7	11.2	11.5	18.5	10.2	10.4	E 7.0	8.7	7.4	7.4	8.4	15.8
13	18.8	11.2	12.2	18.1	10.9	10.4	E 6.8	9.1	7.4	7.4	8.4	12.8
14	19.3	11.2	12.2	18.7	11.0	9.9	E 6.6	8.9	7.4	7.4	8.4	14.4
15	19.5	11.3	12.1	19.7	10.9	10.1	E 6.5	8.8	7.4	7.3	8.5	11.0
16	19.7	11.8	12.0	20.6	10.8	10.1	6.4	8.0	7.4	7.3	8.8	11.1
17	19.7	13.8	12.7	21.0	10.8	10.1	6.4	8.4	7.4	7.3	11.2	10.9
18	19.4	15.2	15.2	21.0	10.7	11.1	8.3	9.8	7.4	6.0	10.4	10.1
19	19.1	16.5	17.1	20.4	10.6	11.0	8.8	9.5	7.4	8.9	14.9	10.1
20	18.6	17.5	20.1	19.5	10.5	10.9	7.9	8.3	7.4	15.7	13.8	10.1
21	17.9	19.4	20.7	18.2	10.4	11.0	8.0	8.3	7.4	11.9	11.8	9.9
22	16.8	18.8	20.9	16.8	10.4	10.7	E 8.1	8.3	7.4	9.6	10.9	9.2
23	15.6	18.0	20.8	14.3	10.6	10.6	E 8.3	8.2	7.5	7.6	10.6	9.3
24	15.4	15.7	20.6	14.2	10.7	11.0	E 8.4	8.1	7.7	6.2	10.5	9.3
25	14.8	14.6	20.2	13.9	10.8	12.4	E 8.6	7.9	8.9	6.2	10.3	9.4
26	14.6	14.4	19.5	14.0	10.9	13.2	E 8.7	7.8	9.1	6.1	10.2	9.5
27	14.4	13.5	18.7	13.9	11.0	12.9	E 8.9	7.8	7.9	6.1	10.2	9.6
28	14.1	13.5	17.9	13.7	11.0	11.0	E 9.0	7.8	8.1	6.3	10.6	12.2
29	13.2	13.7	17.5	12.9	10.9	11.5	E 9.2	7.7	8.2	8.5	13.5	9.4
30	13.4		17.7	12.6	10.8	11.4	9.3	7.7	8.2	11.3	11.6	9.8
31	12.3		18.6		10.8		9.1	7.7		9.5		10.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	16.66	13.49	15.70	17.98	11.03	10.83	8.64	8.43	7.70	8.03	9.97	10.80
MAX.	19.7	19.4	20.9	21.0	12.5	13.2	12.2	9.8	9.1	15.7	14.9	15.8
MIN.	12.3	11.2	11.5	12.6	10.2	9.8	6.4	7.7	7.4	6.0	8.4	9.2

E- ESTIMATED.

HIGHEST STAGE WAS 21.11 ON APR. 17.  
LOWEST STAGE WAS 5.98 ON OCT. 18.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES. BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE. DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST OBSERVED STAGE WAS 27.84 FEET ON APRIL 26, 1973. LOWEST STAGE NOT DETERMINED FOR RECORD LOW. MAXIMUM, 62,500 CFS OBSERVED ON 26 APRIL 1973. MINIMUM, NO FLOW AT TIMES.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.  
DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 188.83 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.7	23.9	25.4	23.9	24.8	20.8	10.1	10.5	7.3	7.0	8.5	17.2
2	20.9	23.6	25.7	24.7	24.7	20.1	9.6	10.1	7.2	6.1	8.6	17.2
3	22.0	23.2	25.9	25.4	24.6	19.7	9.1	9.6	7.1	5.7	8.8	16.7
4	22.7	22.5	25.9	26.1	24.5	19.1	8.6	9.1	6.8	5.7	9.1	16.3
5	22.9	21.6	25.9	26.7	24.6	18.5	8.6	8.8	6.8	5.7	9.0	15.6
6	E 22.6	21.5	25.9	27.0	24.9	17.9	9.0	7.9	6.8	5.7	9.0	14.7
7	E 22.0	21.0	25.8	27.1	25.1	17.4	9.1	5.8	6.7	5.6	8.7	13.8
8	E 21.5	20.7	25.7	27.1	25.3	16.9	9.0	6.3	6.3	5.7	8.7	13.0
9	E 20.9	20.5	25.7	26.8	25.5	16.6	9.0	6.8	5.9	5.6	8.8	12.5
10	E 20.4	20.4	25.6	26.5	25.4	16.6	9.1	7.2	6.3	5.8	8.9	12.1
11	E 19.8	20.4	25.4	26.1	25.3	16.8	9.0	7.7	6.5	5.8	9.0	11.7
12	E 19.3	19.7	25.2	25.9	25.1	16.5	9.9	9.8	6.5	5.6	9.1	11.7
13	E 18.7	19.6	25.0	25.6	25.0	16.1	10.5	9.5	6.4	5.6	9.4	12.2
14	E 18.2	19.5	24.8	25.5	24.9	15.5	10.7	9.4	6.6	5.6	9.4	14.1
15	E 17.6	19.7	24.6	25.3	24.7	15.0	10.6	9.2	5.5	6.3	9.5	15.7
16	E 17.0	20.1	24.5	25.2	24.5	14.2	10.3	8.8	5.5	6.9	9.6	17.4
17	16.5	20.7	24.4	25.0	24.3	13.8	9.9	8.0	5.5	7.6	9.6	17.2
18	16.6	21.2	24.2	24.9	24.1	13.6	9.5	8.0	5.5	10.3	9.7	16.5
19	17.1	21.3	24.0	24.7	23.8	13.1	8.9	8.4	5.5	6.2	9.7	15.9
20	18.2	21.1	23.9	24.5	23.6	12.7	8.5	8.7	5.5	6.1	9.7	15.5
21	19.5	20.8	23.6	24.3	23.4	12.9	9.4	9.1	5.6	5.9	9.7	14.0
22	20.6	20.6	23.3	24.1	23.5	12.1	9.9	9.5	6.3	5.8	10.1	12.9
23	21.8	21.1	23.1	23.9	23.7	11.8	9.6	9.7	15.9	7.4	10.9	12.8
24	22.7	21.8	23.3	23.8	23.9	11.3	9.6	10.0	15.3	7.9	11.8	13.6
25	23.3	23.1	23.8	24.0	23.9	11.7	6.0	9.8	14.7	7.9	16.1	14.6
26	23.7	24.2	24.2	24.4	23.8	11.6	5.9	9.0	14.3	7.9	16.0	E 17.0
27	24.0	24.7	24.2	24.8	23.6	11.7	6.1	8.2	11.7	7.9	16.3	E 17.1
28	24.1	25.1	24.1	24.9	23.2	11.5	9.3	7.2	11.4	8.0	16.8	E 17.3
29	24.2		23.9	24.9	22.7	11.5	11.0	7.0	7.1	8.1	17.1	E 17.4
30	24.3		23.8	24.9	22.1	6.7	11.2	6.9	7.4	8.2	17.2	E 17.5
31	24.2		23.7		21.4		11.0	7.2		8.5		E 17.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	20.87	21.56	24.66	25.26	24.18	14.79	9.29	8.50	7.87	6.72	10.82	15.12
MAX.	24.3	25.1	25.9	27.1	25.5	20.8	11.2	10.5	15.9	10.3	17.2	17.7
MIN.	16.5	19.5	23.1	23.8	21.4	6.7	5.9	5.8	5.5	5.6	8.5	11.7

E- ESTIMATED.  
HIGHEST STAGE WAS 27.17 ON APR 7.  
LOWEST STAGE WAS 5.49 ON SEP 20 21, AND 22.

## ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE, ARK.

LOCATION. LAT. 35-32-15, LONG. 90-29-05, U.S. HIGHWAY 63 BRIDGE AT MILE 82.6, ABOUT 3.5 MILES WEST OF MARKED TREE, ARK.

GAGE. AUTOMATIC RECORDER ON DOWNSTREAM SIDE OF BRIDGE OVER DITCH NO. 60.

GENERAL INFORMATION. DRAINAGE AREA 4,813 SQUARE MILES, BANKFULL STAGE, 19 FEET. NATURAL FLOW IS AFFECTION BY SIPHON OPERATION AT UPPER LOCK GAGE AND BY LOW FLOW REGULATION STRUCTURE AT LOWER END OF ST. FRANCIS LAKE.

RECORDS AVAILABLE. STAGES, OBSERVED DISCHARGES AND DAILY FLOWS, SEPTEMBER 1927 TO SEPTEMBER 1931, JULY 1934 TO SEPTEMBER 1966 IN REPORTS OF U.S. GEOLOGICAL SURVEY. OBSERVED DISCHARGES APRIL 1973 TO DATE, DAILY STAGES AND FLOWS FEBRUARY 1977 TO DATE.

EXTREMES. HIGHEST OBSERVED STAGE WAS 27.84 FEET ON APRIL 26, 1973. LOWEST STAGE NOT DETERMINED FOR RECORD LOW. MAXIMUM, 62,500 CFS OBSERVED ON 26 APRIL 1973. DISCHARGE NOT DETERMINED FOR RECORD LOW SINCE 1965. PRIOR TO 1965, ZERO FLOW IN MOST YEARS.

## DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 188.83 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.2	A	21.0	21.6	12.9	16.9	7.2	11.5	17.1	6.4	6.3	20.9
2	17.1	A	21.6	21.3	13.6	15.0	10.9	11.6	18.1	6.4	6.3	21.6
3	16.8	A	22.1	21.0	11.7	13.6	12.5	11.5	18.6	6.4	6.3	22.2
4	16.6	A	22.4	20.7	12.1	14.6	11.1	11.7	18.2	6.4	6.2	23.3
5	16.5	A	23.2	20.5	12.7	14.5	11.3	11.9	17.1	6.4	6.2	23.8
6	16.5	A	23.7	20.2	12.7	13.7	10.4	12.3	14.5	6.4	6.2	24.5
7	16.5	12.1	23.8	20.0	13.7	13.6	11.1	12.1	14.5	6.4	6.2	25.0
8	17.1	E 12.1	23.7	19.8	16.3	14.0	10.7	12.1	13.8	6.4	6.2	25.4
9	16.0	E 12.2	23.6	19.7	18.8	14.1	10.3	13.1	13.4	6.4	6.3	25.5
10	17.5	E 12.2	23.8	19.3	19.8	13.9	12.7	8.7	14.4	6.3	6.2	25.8
11	17.9	12.0	24.1	19.4	20.2	13.7	10.4	8.3	13.0	6.3	6.2	26.1
12	17.4	13.3	24.3	19.4	20.0	12.7	11.4	11.7	12.7	6.3	6.2	26.3
13	16.1	12.5	24.4	19.2	19.2	12.7	16.5	10.9	12.2	6.3	6.2	26.2
14	15.7	8.6	24.5	18.9	18.4	12.7	15.7	11.4	14.6	6.3	6.2	26.1
15	15.6	17.9	24.5	18.4	17.4	12.2	15.2	13.4	15.7	6.3	6.2	25.9
16	A	18.9	24.6	17.6	15.9	11.8	14.7	12.5	14.2	6.3	6.3	25.7
17	A	19.8	24.8	16.3	14.6	11.7	14.3	13.4	13.3	6.3	6.4	25.5
18	A	20.0	24.8	15.7	13.6	9.8	13.7	12.8	11.4	6.3	7.2	25.3
19	A	20.2	24.8	17.1	13.5	10.0	13.1	10.5	11.9	6.3	9.7	25.1
20	A	20.0	24.8	18.0	12.2	11.1	12.6	10.9	11.0	6.3	10.5	24.9
21	A	19.7	24.7	18.1	12.6	8.0	12.3	11.0	10.9	6.3	11.0	24.7
22	A	19.1	24.7	17.2	14.1	8.8	12.3	7.8	7.2	6.3	12.6	24.4
23	A	18.6	24.6	16.5	11.9	11.7	12.0	11.1	13.6	6.3	13.6	24.2
24	A	18.2	24.4	15.9	11.9	13.1	11.7	9.8	9.3	6.3	14.2	23.8
25	A	17.9	24.2	15.5	11.4	10.9	11.1	10.1	9.7	6.3	16.0	23.3
26	A	18.2	E 23.8	15.0	11.4	12.1	12.8	10.7	6.7	6.3	16.6	22.5
27	A	19.5	E 23.5	14.6	11.5	12.4	9.5	9.7	6.6	6.3	16.3	21.6
28	A	20.4	E 23.1	13.6	12.2	12.4	13.3	9.8	6.5	6.3	17.8	20.8
29	A	22.7	10.5	12.9	12.3	10.6	10.9	6.5	6.3	19.8	20.1	
30	15.8	22.3	12.5	12.5	12.1	11.8	13.6	6.4	6.3	20.3	19.6	
31		21.9		16.0		11.8	14.9		6.3		19.3	

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	23.68	17.77	14.43	12.53	12.09	11.34	12.43	6.32	9.71	23.84
MAX.	24.8	21.6	20.2	16.9	16.5	14.9	18.6	6.4	20.3	26.3
MIN.	21.0	10.5	11.4	8.0	7.2	7.8	6.4	6.3	6.2	19.3

A- NO RECORD                    E- ESTIMATED  
HIGHEST STAGE WAS 26.28 ON DEC. 12.  
LOWEST STAGE WAS 6.19 ON NOV. 11.